PECEIVEL OF CENTER OF THE STIGATION

MACK TRUCKS, INC.
WORLD HEADQUARTERS
2100 MACK BOULEVARD
BOX M
ALLENTOWN, PA 18105-5000
TELEPHONE: 610,709,3011

October 15, 1997

977-101 @

Mr. Mike Brownlee, Associate Administrator Office of Defects Investigation Enforcement NEF-111 National Highway Traffic Safety Administration 400 Seventh Street, S.W., Room 5319 Washington, DC 20590

SUBJECT:

Vehicle Recall Campaign - \$C0252

Miter Box Replacement

Dear Mr. Brownlee:

In accordance with the requirements of the National Traffic and Motor Vehicle Safety Act of 1966 and 49 CFR Part 573, Mack Trucks, Inc. will voluntarily conduct a safety defect notification and remedy campaign and replace potentially defective miter boxes. This report is presented to comply with sub-paragraphs of Section 573.5(c).

1. Manufacturer Corporate Name:

Mack Trucks, Inc. 2100 Mack Boulevard Allentown, Pennsylvania 18105-5000

Fabricating Manufacturer Name:

Mack Trucks of Utah, Inc. 310 West 700 South Pleasant Grove, UT 84062

2. <u>Identification of Involved Vehicles:</u>

The vehicles affected are Mack (Front Discharge Mixer) FDM7133, FDM7133R and FDM7143 models manufactured from April 15, 1996 through August 13, 1997 in our Mack of Utah facility in Pleasant Grove, UT. Chassis having serial numbers 136122 through 136739 are involved in this campaign.

Total Number of Vehicles Potentially Involved:

1 1 - William - William

112 chassis.

4. Percentage of Vehicles Estimated to be Affected:

100%

3

5. <u>Description of Defect:</u>

In September 1996, beginning with chassis serial 136622, implementation of a new design 1 piece cast aluminum housing miter box (rather than a 2 piece housing) occurred. Because of the design, dirt can be ingested into the system, causing the gear shaft bearings to deteriorate. If the bearings deteriorate, there can be a hard steering condition or possible steering lock up. The warning prior to the possible steering lock up would be a hard steering condition. There have been no reported accidents.

This component is purchased from:

R.H. Sheppard Co. Inc. 101 Philadelphia Street P.O. Box 877 Hanover, PA 17331-0877

Chief Executive Officer:

Peter Sheppard

6. Chronology of Principal Events:

June 26, 1997

Complaint of steering locked up on chassis 1136655

July 28, 1997

Complaint of the miter box locked up, can't turn the steering wheel on chassis 1136656.

August 27, 1997

Preliminary meeting with Sheppard to review 2 defective pieces at Mack Trucks, Inc.

August 27, 1997

Received a Miter Box Evaluation from Sheppard on a failure in Tennessee

September 4, 1997

Meeting with Sheppard to access the situation

September 9, 1997

Agreement with Sheppard to campaign

September 19, 1997

Parts ordered from Sheppard to correct the condition

October 2, 1997

Mack's Product Regulation Compliance Committee approved this campaign.

7. Not Applicable

9, V= 101

8. Remedy Program:

The original equipment miter boxes have no protective boots on the shafts (dirt can enter the system), and they were not totally packed with grease at Sheppard when assembled. The situation is further aggravated by the design of the original shaft bearing and the position of grease fittings that do not allow for easy service. The boxes being supplied as replacements will have protective boots on both shafts to keep dirt from entering; they will be totally packed with grease from Sheppard; they will have a new-style plastic cage/separator; and they will have 90 degree grease fittings installed, which are more accessible.

All known owners of the subject vehicles will be notified by first class mail of Mack's retrofit program involving installation of a new style miter box. We will provide a schedule for the implementation of this recall as soon as parts are available in our distribution centers.

9. Notices, Bulletins and Communications:

Copies of the proposed notifications for dealers and customers are enclosed. The dealer repair instructions will be forwarded to you when available.

Sincerely yours,

MACK TRUCKS, INC.

D.L. Murphy

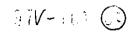
Campaign Administrator

Lmurphy

252NHTSA.DOC



MACK TRUCKS, INC.
WORLD HEADQUARTERS
2100 MACK BOULEVARD
BOX M
ALLENTOWN, PA 18105-5000
TELEPHONE: 610.709.3011



DEAR MACK TRUCK OWNER:

This notice is sent to you in accordance with the requirements of the National Traffic and Motor Vehicle Safety Act.

Mack Trucks, Inc. has determined that a defect which relates to motor vehicle safety exists in the miter boxes on Mack FDM models built between April 15, 1996 and August 13, 1997.

The miter boxes in question have the potential for internal contamination. The original equipment miter boxes have no protective boots on the shafts and dirt can enter the system. The miter boxes were not totally packed with grease when assembled. The situation was further aggravated by the design of the original shaft bearing and the position of grease fittings that did not allow for easy service. Because of the design problems, dirt can be ingested into the system, causing the gear shaft bearings to deteriorate. The bearing deterioration could lead to a possible steering lock up, after a warning of a hard steering condition, resulting in loss of steering control and possibly a vehicle crash.

To prevent an in-service failure, we urge you to call the nearest Mack Parts and Service Center and make an appointment to have installed, at **no charge** (free), updated miter boxes. Replacement of the boxes can take up to 0.8 hour to complete. All Mack Parts and Service Centers have been sent a bulletin covering all the details required to perform the miter box changeout. Replacement parts are now in stock at the Mack Parts Distribution Center serving the Mack service facility you select to perform the bracket retrofit. If the Mack dealer does not have the campaign parts in stock when you call, he can order the parts and also schedule a service date to coincide with delivery of campaign parts.

If you experience any difficulty in obtaining the corrective service, you should contact the Mack Regional Service Office in your area (listed under "Regional Offices" in the Mack Sales, parts & Service Center Directory) for assistance. The Regional Office will take the necessary action to ensure prompt correction of your vehicle.

If Mack Trucks, Inc. has not fixed your truck free within a reasonable time, you may submit a complaint to: Administrator, National Highway Traffic Safety Administration, 400 Seventh Street, S.W., Washington, DC 20590, or call the toll-free Auto Safety Hotline at (800) 424-9393 (Washington, DC area residents may call (202) 366-0123).

If you no longer own the truck, please help us update our records. Complete the "Vehicle Disposition Record" portion of the enclosed postage-free Notice of Mandatory Safety Campaign card and mail it to us.

MACK TRUCKS, INC. WARRANTY DEPARTMENT



MACK TRUCKS, INC.
WORLD HEADQUARTERS
2100 MACK BOULEVARD
BOX M
ALLENTOWN, PA 18105-5000
TELEPHONE: 610.709.3011

97V-181 (1)

October 1997

TO: Subsidiary Managers

Distributor Principals

SUBJECT: Vehicle Recall Campaign SC0252

Miter Box Replacement - FDM Models

Mack Trucks, Inc. is conducting a voluntary recall of the FDM7133, FDM7133R and FDM7143 models built between April 15, 1996 and August 13, 1997 to replace potentially defective miter boxes. The original equipment miter boxes have no protective boots on the shafts and dirt can enter the system and the miter boxes were not totally packed with grease when assembled. The situation was further aggravated by the design of the original shaft bearing and the position of grease fittings that did not allow for easy service. Because of the design problems, dirt can be ingested into the system, causing the gear shaft bearings to deteriorate. If the bearings deteriorate, there can be a hard steering condition or possible steering lock up. A copy of the service bulletin covering campaign procedures is enclosed.

It is important that preparation be made immediately to assure prompt correction of all vehicles involved. The U.S. Department of Transportation through its intra-agency, the National Highway Traffic Safety Administration has amended the National Traffic and Motor Vehicle Safety Act to require dealers to insure that all new and used vehicles are free of safety defects and comply with all Federal Motor Vehicle Safety Standards at the time of delivery to the consumer. All vehicle recalls which affect new or used inventory must be performed before it is sold or leased. Please refer to Service Operations Service Letter SL40D001 dated 11/19/92 regarding the aforementioned amendment.

The attached campaign chassis list includes vehicles sold in your area of business and possibly new or used trucks in your inventory. Any truck on the list in your possession <u>must</u> be campaigned before it is sold.

Please use the enclosed Notice of Mandatory Safety Campaign card(s) to report sold or transferred trucks. Make sure these cards are returned to us and not directly to the customer or to another dealer. A notice to campaign will be mailed to all identified registrants of affected vehicles. To avoid warranty denial of your claim for reimbursement of expenses connected with this campaign, first, make sure the truck presented for campaign work is on your list. If not, check for campaign authorization on the MACKnet claims history inquiry. Also, check that the campaign was not completed previously by another Mack dealer.

21V- 16 20

Mack Trucks, Inc. recommends a follow-up by telephone or a personal visit, of all owners of vehicles subject to recall who fail to bring the vehicles in for this correction.

If you have any questions about this campaign which may not have been covered in this letter or enclosures, please contact the campaign administrator in Allentown at (610) 709-3337.

Very truly yours,

MACK TRUCKS, INC.

D.L. Murphy

Campaign Administrator

252dist.doc

Enclosures: Cust

Customer Notice

Service Bulletin Notification Cards

CC:

Regional Vice Presidents, District Managers, Regional Service Managers, District Service Managers, District parts Sales Managers, Subsidiary/Distributor Service Managers, Subsidiary/Distributor Parts Managers.